Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20229	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558). CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37). CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4). CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566). CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 10:22
L2	935	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/56473).CCLS.) or ((435/4).CCLS.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 10:22
L3	95	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((35/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/10 10:22
L4	13	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/10 10:22
L5	9	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO: JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/10 10:22
L6	112	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/10 10:22
L7	206	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2006/02/10 10:23
L8	216	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((4	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ОИ	2006/02/10 10:23

L9	117	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/10 10:23
L10	6779		IBM_TDB US-PGPUB;	OR	ON	2006/02/10
		((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	USPAT; EPO; JPO; DERWENT			10:34
			IBM_TDB			
L11	380	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((385/128).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR .	ON	2006/02/10 10:23
L12	170	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/10 10:23
			; IBM_TDB			
L13	282	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/10 10:24
			; IBM_TDB			
L14	749	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/564).CCLS.) or ((435/473).CCLS.) or ((435/4).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/10 10:24
L15	71	((bragg with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/10 10:55
L16	109	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4))) and (pitch\$4 or (groove with (spac\$4 or period\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/10 11:13
			IBM_TDB			
L17	38	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4)) and substrate and code)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/10 10:56
			IBM_TDB			

Comparison of the content of the c	L18	33	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4)) and tag\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2006/02/10 10:56
(insperimons or superpos or overlas 5)) and (refract shear 3 ind sh)). USPAT: EPO: TPO: DEBWENT 10:56				IBM_TDB			
L20	L19	77	(superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4))).	USPAT; EPO; JPO;	OR	ON	1
USPAT:				; IBM_TDB			
L21	L20	11	(superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and	USPAT; EPO; JPO;	OR	ON	
(superimpos\$ or superpos\$ or overlo\$5)) and (refract\$ near3 ind\$4)) and tog\$4).clm.				IBM_TDB	Ì		
L22 39 (((()tragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$) (superimpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and (spAT; EPC; JPC; DEBWENT; IBM_TDB ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ usb-pePUB; IBM_TDB ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ usb-pePUB; IBM_TDB (UsraT; EPC; JPC; DEBWENT); IBM_TDB (UsraT; EPC; JPC; JPC; DEBWENT); IBM_TDB (UsraT; EPC; JPC; JPC; JPC; JPC; JPC; JPC; JPC; J	L21	0	(superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and	USPAT; EPO; JPO;	OR	ON	
(Superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and USPAT. EPO: JPO: DERWENT IBM_TDB USPAT. EP				IBM_TDB			
L23 569 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4) and (optic\$4 near4 (fiber\$2 or waveguid\$)) ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4) and ((optic\$4 near4 (fiber\$2 or waveguid\$)) with (cod\$4 or encod\$4)) US-P6PUB; USPAT: IBM_TDB U	L22	39	(superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and	USPAT; EPO; JPO;	OR	ON	
ar superpos\$ or overla\$5)) and (refract\$ near3 ind\$4) and (optic\$4 near4 (fiber\$2 or waveguid\$)) L24 32 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4) and ((optic\$4 near4 (fiber\$2 or waveguid\$)) with (cod\$4 or encod\$4)) L25 7 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5) with embed\$) and (refract\$ near3 ind\$4) L25 7 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5) with embed\$) and (refract\$ near3 ind\$4) L26 235 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ is 1BM_TDB L26 235 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4) S18 US-P6PUB: US-P6PUB: US-P6PUB: IBM_TDB S2 WO-9636436-\$.did. US-P6PUB: US-P6PUB: US-P6PUB: IBM_TDB US-P6PUB: I				IBM_TDB			
L24 32 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4) and ((optic\$4 near4 (fiber\$2 or waveguid\$)) with (cod\$4 or encod\$4))	L23	569	or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4) and (optic\$4 near4	USPAT; EPO; JPO;	OR	ON	2006/02/10 11:15
124 32 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4) and ((optic\$4 near4 (fiber\$2 or waveguid\$)) with (cod\$4 or encod\$4))		•		; IBM_TDB			
L25 7 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5) with embed\$) and (refract\$ near3 ind\$4) L26 235 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4) S1 2 WO-9636436-\$.did. WO-9636436-\$.did. US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	L24	32	or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4) and ((optic\$4	USPAT; EPO; JPO;	OR	ON	
L25 7 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5) with embed\$) and (refract\$ near3 ind\$4) L26 235 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4) S1 2 WO-9636436-\$.did. WO-9636436-\$.did. US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB				IBM TDB			
L26 235 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ US-PGPUB; OR USPAT; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; OR USPAT; EPO; JPO; DERWENT; EPO; JPO; DE	L25	7		US-PGPUB; USPAT; EPO; JPO;	OR	ON	1
L26 235 ((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; US-PGPU				; IBM TDB			
S1 2 WO-9636436-\$.did.	L26	235		US-PGPUB; USPAT; EPO; JPO;	OR	ON	
S1 2 WO-9636436-\$.did.				; IBM_TDB			
S2 120 (LED or (light near3 emi\$5 near3 diode)) same bragg same (refract\$ US-PGPUB; OR USPAT; EPO; JPO; O9:59	51	2	WO-9636436-\$.did.	US-PGPUB; USPAT; EPO; JPO;	OR	ON	
52 120 (LED or (light near3 emi\$5 near3 diode)) same bragg same (refract\$ US-PGPUB; OR USPAT; EPO; JPO; O9:59				IBM TDB			
	52	120		US-PGPUB; USPAT;	OR	ON	
; IBM_TDB				; IBM TOR			

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53	175	(US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$ or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or US-6483096-\$	US-PGPUB; USPAT;	OR	OFF	2004/09/29 12:14
		or US-6436651-\$ or US-6434298-\$ or US-6399295-\$ or US-6395558-\$	EPO:			12.14
ĺ		or US-6350413-\$ or US-6317528-\$ or US-6312961-\$ or US-6289144-\$	DERWENT			
	1	or US-6078705-\$ or US-6035082-\$ or US-6005691-\$ or US-5994150-\$	DERWEINT			
	Ī	or US-5961924-\$ or US-5832165-\$ or US-5822472-\$ or US-5814565-\$				
		or US-5745615-\$ or US-5646400-\$).did. or (US-5455178-\$ or	İ			
		US-5446534-\$ or US-5210404-\$ or US-5172250-\$ or US-5113286-\$ or				
		US-5082629-\$ or US-4892385-\$ or US-4815843-\$ or US-4767719-\$ or				
		US-4576439-\$ or US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or				
	İ	US-5565324-\$ or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or				
		US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$ or			1	
		US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
		US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or			i	
		US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$ or				
	-	US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or US-4876208-\$ or				
		US-6093536-\$ or US-5100238-\$ or US-4647544-\$ or US-6437345-\$ or				
		US-5922550-\$ or US-RE33581-\$ or US-5118608-\$ or US-5081012-\$ or				
		US-5003600-\$ or US-4931384-\$ or US-4880752-\$ or US-4023010-\$ or			1	
		US-4011435-\$ or US-5742432-\$).did. or (US-5729365-\$ or				
		US-5506674-\$ or US-5442433-\$ or US-5394234-\$ or US-5374816-\$ or			ŀ	
		US-5300764-\$ or US-5291027-\$ or US-6314220-\$ or US-6292282-\$ or US-6221579-\$ or US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or				
		US-5925878-\$ or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				
		US-5478527-\$ or US-5156810-\$).did. or (US-20040179267-\$ or			1	
		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
		US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or				ĺ
		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or				
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				
		US-20030207258-\$).did. or (US-20030207257-\$ or US-20030207255-\$		ļ		
		or US-20030207254-\$ or US-20030207253-\$ or US-20030113766-\$ or				
		US-20030104390-\$ or US-20030059855-\$ or US-20030032039-\$ or				
	1	US-20030027328-\$ or US-20030027327-\$ or US-20030017581-\$ or				
		US-20020028451-\$ or US-20010004526-\$ or US-20030049620-\$ or				:
		US-20020155507-\$ or US-20040151626-\$ or US-20040132214-\$ or				
		US-20040132205-\$ or US-20030092075-\$ or US-20030026891-\$ or				.
		US-20030017580-\$ or US-20020192680-\$ or US-20020168295-\$ or			1	
		US-20020025534-\$ or US-20040145752-\$ or US-20030068657-\$ or				
		US-20030124599-\$).did, or (US-20040175843-\$ or US-20040175842-\$			ŀ	
		or US-20030129654-\$ or US-20030077660-\$ or US-20030162296-\$ or US-20030142713-\$ or US-20030142704-\$ or US-20040053295-\$ or				
		US-20040046128-\$ or US-20030142704-\$ or US-20040053295-\$ or US-20040046128-\$ or US-20030207328-\$ or US-20030157731-\$ or]
]	US-20030148542-\$ or US-20030132406-\$ or US-20030082587-\$ or			1	
	i l	US-20020104762-\$ or US-20020090613-\$ or US-20040063146-\$ or			Ī	
		US-20030207256-\$ or US-20020034457-\$ or US-20020022273-\$ or				
		US-20010031503-\$).did. or (WO-9636436-\$).did. or				
		(US-20020127565-\$).did,			l	
c.4						
54	18	53 and (magnet\$ same (orient\$ or align\$))	US-PGPUB;	OR	ON	2004/09/29
			USPAT;			12:15
			EPO; JPO;			
			DERWENT			
			TOM TOD			
			IBW_TDB			
55	60	S3 and (low\$5 with refract\$ with ind\$4)	US-PGPUB;	OR	ON	2004/09/29
			USPAT;			12:54
			EPO; JPO;			
			DERWENT			
		-	;			
	i i		IBM_TDB			

56	29	S3 and (low\$5 with refract\$ with ind\$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 12:56
57	232	(359/2).CCLS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
58	903	(359/566).CCLS.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
59	676	(359/569). <i>CC</i> LS.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
510	325	(359/558). <i>CC</i> LS.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
511	278	(359/571). <i>CC</i> LS.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
512	330	(359/572). <i>CC</i> L5.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
513	658	(356/72). <i>CC</i> LS.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
514	1888	(356/73.1).CCLS.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:07

1385 385/12).ccl.5.		т	· · · · · · · · · · · · · · · · · · ·		,		
S16	515	1385	(385/12),CCLS.	USOCR; EPO; JPO;	OR	OFF	2004/09/26 19:07
Signature Sign	İ			IBM_TDB			
S17 2621 (385/37).ccl.5.	516	820	(385/128).CCLS.	USPAT; USOCR; EPO; JPO;	OR	OFF	
S17 2621 (385/37).ccl.5.				TRM TOR			
S18 72 (250/559.04).ccl.S. 19:07 19:	617	2/21	(205/27) 60 6		00	OFF	2004/00/24
S18 72 (250/559.04).ccl.5.	517	2621	(385/37).CCLS.	USPAT; USOCR; EPO; JPO;	OR	UFF	
S18 72 (250/559.04).CCLS. U.S.PGPUB;				IBM_TDB			
S19	S18	72	(250/559.04).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	1
S19			•	; IBM TDB			
DERWENT	519	55	(250/559.11).CCLS.	US-PGPUB; USPAT; USOCR;	OR	OFF	
S20 680 (250/559.4).ccl.s. US-P6PUB: USPAT: USCCR: EPO: JPO: DERWENT : IBM_TDB OR USPAT: USCCR: EPO: JPO: DERWENT : IBM_TDB OR USPAT: USCCR: EPO: JPO: DERWENT : IBM_TDB OR USPAT: USCCR: EPO: JPO: DERWENT : IBM_TDB OR USPAT: USCCR: EPO: JPO: DERWENT : IBM_TDB OR USPAT: USCCR: EPO: JPO: DERWENT : IBM_TDB OR USPAT: USCCR: EPO: JPO: DERWENT : IBM_TDB OR USPAT: USCCR: EPO: JPO: DERWENT : ISM_TDB USPAT: USCCR: EPO: JPO: DERWENT : U				DERWENT ;			
S21 629 (250/227.14).ccls.	520	680	(250/559.4) <i>.cc</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	
S21 G29 (250/227.14).ccls.				; TRM TOR			
S22 152 (250/227.29).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; USOCR; EPO; EPO; EPO; EPO; EPO; EP	521	629	(250/227.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	
S22 152 (250/227.29).CCLS. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; USOCR; EPO; EPO; EPO; EPO; EPO; EP				;			
USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB							
S23 669 (250/566).CCLS. US-PGPUB: USPAT; USOCR: EPO; JPO; DERWENT; ;	522	152	(250/227.29).CCL5.	USPAT; USOCR; EPO; JPO;	OR	OFF	
S23 669 (250/566).CCLS. US-PGPUB: USPAT; USOCR: EPO; JPO; DERWENT; ;				TRM TOD			
IBM_TDB	523	669	(250/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	
				, IBM_TDB			

524	329	(250/568).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
525	203	(235/473).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	OFF	2004/09/26 19:08
			IBM_TDB			
526	5177	(435/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
527	922	(435/288.7). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
528	710	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or (US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2005/01/07
529	575	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 11:35
530	2	("5,089,387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:53
			; IBM_TDB			
531	17759	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558). CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37). CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4). CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566). CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 10:48

					1	
532	298	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((4	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2004/09/27
533	29	("4539507" "4833092" "5034613" "5136572" "5141671" "5214409" "5252962" "5257011" "5266926" "5351052" "5405709" "5409783" "5434878" "5438878" "5448582" "5503805" "5558904" "5565324" "5604097" "5641634" "5751629" "5770358" "5770455" "5840485" "5874214" "5903340" "5981180" "6043023" "6096494").PN.	USPAT	OR	ON	2004/09/27
534	26495	(435/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/27 11:34
535	168	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.4).CCLS.) or ((250/559.4).CCLS.) or ((250/559.4).CCLS.) or ((250/559.4).CCLS.) or ((250/568).CCLS.) or ((25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:58
536	76	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.4).CCLS.) or ((250/559.4).CCLS.) or ((250/559.4).CCLS.) or ((250/559.4).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) or ((250/227.29). CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/227.29). CCLS.) or ((250/227.29). CCLS.) or ((250/227.29). CCLS.) or ((250/227.29). Or ((250/227.29). Or ((250/227.29). Or ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29). OR ((250/227.29)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:03
537		((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:12
538	0	WO-02061429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:12
539	0	WO-0261429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/27 12:12
			IBM_TDB			

540	0	WO-2002061429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:12
			; IBM_TDB			
541	1	WO-200261429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 12:17
			IBM_TDB			
542	2	("20020127565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/27 12:18
			IBM_TDB			
543	19	("4539507" "4833092" "5034613" "5136572" "5141671" "5214409" "5252962" "5257011" "5266926" "5351052" "5405709" "5409783" "5438878" "5448582" "5558904" "5565324" "5641634" "5751629" "5770455")PN	USPAT	OR	ON	2004/09/27 13:28
544	85	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB: USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 14:28
			IBM_TDB			
545	.9	or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 13:34
		or atom\$2))	IBM_TDB			
546	6	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 14:02
			IBM_TDB			
547		((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/27 14:02
			IBM_TDB			
548	333	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:04
			IBM_TDB			
549	234	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 14:29
			IBM_TDB			
550	241	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:31
			: IBM_TDB			
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551	66	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4) with (vary\$3 or varia\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:07
			IBM_TDB			
S52	150	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:49
			IBM_TDB			
553	2	((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:52
			IBM_TDB			
S54	32	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:13
:			IBM_TDB	}		
555	539	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:14
		,	IBM_TDB			
S56	61	((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:22
			; IBM_TDB			
S57	343	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
			IBM_TDB			
558	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and (refract\$ near3 ind\$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
			; IBM_TDB			
559	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
			; IBM_TDB			
560	2	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:24
			: IBM_TDB			
561	5	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:25
			; IBM_TDB			
					<u> </u>	<u> </u>

562	9	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)) and assay\$3	US-PGPUB: USPAT; EPO; JPO; DERWENT ;	OR	ON	2004/09/27 18:29
			IBW_TDB			
563	93	((bragg or phase or fiber or hologra\$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 09:03
			: IBM_TDB			
564	37374	((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 12:27
			IBM_TDB			
S65	4343	(((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))	US-PGPUB: USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2004/09/28
566	344	((((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
567	22407	((bragg or phase or fiber or hologra\$ or volume) near3 grating) or	US-PGPUB;	OR	ON	2004/09/28
-	,	(period\$ with refract\$ with ind\$4 with grating)	USPAT; EPO; JPO; DERWENT	,		11:10
-			IBM_TDB	i,		
568	2786	(((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
569	249	((((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2004/09/28
570	167547	(index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 11:22
			IBM_TDB	!		
571	6664	((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 11:22
			IBM_TDB			
		(((index\$ or address\$) with (particle or bead or microparticle or	US-PGPUB;	OR	ON	2004/09/28
572	140	microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract\$ near3 ind\$4) and (assay or combinator\$)	USPAT; EPO; JPO; DERWENT :			11:40

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573	1	("re37473").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/09/28
			IBM_TDB			
574	1	("re37891").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28
			; IBM_TDB			
575	1	("re33581").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 11:42
			IBM_TDB			
S76	76	(("3968476") or ("4011435") or ("4023010") or ("4053228") or ("4131337") or ("4386274") or ("4445229") or ("4560881") or ("4562157") or ("4647544") or ("4678752") or ("4685480") or ("4740688") or ("4748110") or ("4767719") or ("4816659") or ("4841140") or ("4877747") or ("4880752") or ("4882288") or ("4921805") or ("4931384") or ("4958376") or ("4992385") or ("5003600") or ("5033826") or ("5067155") or ("5081012") or ("5089387") or ("5095194") or ("5100238") or ("5115121") or ("5118608") or ("5138468") or ("5141848") or ("5144461") or ("5166813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 11:59
577	97	(("5196350") or ("5200794") or ("5291006") or ("5291027") or ("5300764") or ("5310686") or ("5349442") or ("5352582") or ("5364797") or ("5374816") or ("5374818") or ("539234") or ("54642433") or ("5468659") or ("5461528") or ("5461475") or ("5465176") or ("5468649") or ("5506674") or ("5514785") or ("5528045") or ("5528045") or ("5627040") or ("5627663") or ("5633724") or ("563790") or ("5667976") or ("5721912") or ("5721435") or ("5729365") or ("5766956") or ("5799231") or ("5799231") or ("5801857") or ("5804384") or ("5822472") or ("5824478") or ("58244557") or ("5831698") or ("5837475") or ("5841555")),PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:18
S78	4	(("5451528") or ("5712912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/09/28
			IBM_TDB			
579	96	(("5846737") or ("5874187") or ("5895750") or ("5922550") or ("5925562") or ("5925878") or ("5945679") or ("5986838") or ("5989923") or ("598796") or ("6001510") or ("6017754") or ("6025129") or ("6025283") or ("6036807") or ("6043880") or ("6046925") or ("6049727") or ("6057107") or ("6060256") or ("6046925") or ("6078048") or ("6087186") or ("6067167") or ("60780485") or ("6078048") or ("6087186") or ("618127") or ("6160656") or ("6194563") or ("6160656") or ("6160656") or ("6194563") or ("6194563") or ("6229635") or ("6229635") or ("6292319") or ("6301047") or ("6304263") or ("6306587") or ("6309601") or ("6312961") or ("6313771") or ("6314220") or ("6319668")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28

Set 12 ("20020090509") or ("20030129545") or ("20030032203") or ("2003002103")) PN U.S. PEPUB: U.S. PATUBE ("20030138208") or ("20030032203") or ("20030021003")) PN U.S. PEPUB: U.S. PATUBE ("FO. 3PO: DEEWENT") I.B.M., TDB U.S. PATUBE ("FO. 3PO: DEEWENT") I.B.M., TDB U.S. PATUBE ("FO. 3PO: DEEWENT") I.B.M., TDB U.S. PATUBE ("FO. 3PO: DEEWENT") I.B.M., TDB U.S. PATUBE ("FO. 3PO: DEEWENT") I.B.M., TDB U.S. PATUBE ("FO. 3PO: DEEWE	580	72	(("6322932") or ("6329963") or ("6331273") or ("6352854") or ("6355198") or ("6371370") or ("6372428") or ("6399295") or ("6406841") or ("6406848") or ("6416714") or ("6417010") or ("6428707") or ("6428957") or ("6433849") or ("6436651") or ("6489606") or ("6496287") or ("6506342") or ("6515753") or ("6522406") or ("6524793") or ("6533183") or ("6560017") or ("6565770") or ("6592036") or ("6594421") or ("6609728") or ("6613581") or ("6618342") or ("6678429") or ("6688439") or ("6692912")).PN.	US-PGPUB; USPAT; USOCR; EPO: JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:48
S82 4 ((*5671308") or (*6340588")).PN.	581	12	1 " ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT; USOCR; EPO; JPO;	OR	OFF	I I
\$83 4262 (436/518).ccl.5.	582	4	(("5671308") or ("6340588")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	I I
S84	583	4262	(436/518).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;		OFF	1 1
S85 524 (436/525).ccl.s. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; USOCR; EPO; JPO; DERWENT ; USOCR; EPO; JPO; DERWENT ; USOCR; EPO; JPO; DERWENT ; USOCR; EPO; JPO; DERWENT ; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USOCR; EPO; JPO; DERWENT ; USOCR; EPO; JPO; DERWENT ; USOCR; EPO; JPO; DERWENT ; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USPAT; USPAT; USPAT; USPAT; USOCR; EPO; JPO; DERWENT ; USPAT; USP	584	742	(436/524).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;		OFF	
S86 627 (436/526).CCLS.	585	524	(436/525).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	
S87 786 (436/527).CCLS. US-PGPUB: USPAT: USOCR: EPO: JPO: DERWENT : IBM_TDB S88 940 (436/528).CCLS. US-PGPUB: USPAT: USOCR: EPO: JPO: DERWENT USOCR: EPO: JPO: USPAT: USOCR: EPO: USDAT: USOCR: EPO: JPO: USPAT: USOCR: EPO: USPAT: USOCR: EPO: USPAT: USOCR: EPO: USDAT: USOCR: EPO: USOCR: USOCR: USOCR: USOCR: USOCR: USOCR: USOCR: USOCR: USOCR: USOCR: USOCR: USOCR:	586	627	(436/526).CCL5.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	1
S88 940 (436/528).CCLS. US-PGPUB: USPAT; USOCR; EPO; JPO; USPAT; USOCR; EPO; JPO; USOCR; EPO; USOCR; EPO; JPO; USOCR; EPO; JPO; USOCR; EPO; EPO; EPO; EPO; EPO; EPO; EPO; EPO	587	786	(436/527).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	1
IBM_TDB	588	940	(436/528).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	1

			1		т	
589	1346	(436/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:59
			IBM_TDB			
590	6123	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 12:59
			IBM_TDB			
591	144	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:00
			IBM_TDB			
592	226	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:49
			; IBM_TDB			
593	442	(modulat\$ with refract\$ with ind\$4 with grating) and (embed\$ or encod\$3 or tag\$4 or label\$4 or identif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:51
			; IBM_TDB			
594	34	(modulat\$ with refract\$ with ind\$4 with grating) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ŌΝ	2004/09/29 09:49
			IBM_TDB			:
5101	615	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/564).CCLS.) or ((435/473).CCLS.) or ((435/4).CCLS.) o	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:35
5102	313	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/564).CCLS.) or ((435/473).CCLS.) or ((435/4).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2005/01/07 16:35

5103	179	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/72).CCLS.) or ((385/128).CCLS.) or ((385/128).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or	US-PGPUB; USPAT; EPO: JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:35
5104	80	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((550/568).CCLS.) or ((550	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2005/01/07 16:35
S105	164	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:35
			IBW_TDB			
5106	90	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 16:36
			IBM_TDB			
5107	9	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:36
		. "	IBM_TDB			
5108	6	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 16:36
			IBM_TDB			
5109	82	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:36
			IBW_TDB			
S110	144	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:36
			IBM_TDB			
5111	233	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 16:37
			IBM_TDB			
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5112	2	wo-9715690-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 16:38
			IBM_TDB			
5113	258	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:14
			IBM_TDB		E	
5114	261	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			IBM_TDB			
S115	73	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4) with (vary\$3 or varia\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			IBM_TDB			
5116	164	(particle or bead or microparticle or microPead or microPparticle or microPbead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			IBM_TDB	:		
5117	2	((fiber or bragg or phase) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
		·	IBM_TDB			
5118	37	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microPead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			: IBM_TDB			
5119	61	((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			IBM_TDB			
5120	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and (refract\$ near3 ind\$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			: IBM_TDB			
5121	6	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:16
			: IBM_TDB			
5122	10	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:16
			: IBM_TDB			
					I	<u> </u>

5123	99	((bragg or phase or fiber or hologra\$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/09 14:16
5124	377	((((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2005/01/09 14:16
5125	275	((((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:16
5126	156	(((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract\$ near3 ind\$4) and (assay or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:17
5127	35	(modulat\$ with refract\$ with ind\$4 with grating) and (assay\$3 or combinator\$)	US-PGPUB: USPAT: EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:17

5128	191	(US-20010004526-\$ or US-20010031503-\$ or US-20020022273-\$ or US-20020025534-\$ or US-20020028451-\$ or US-20020034457-\$ or	US-PGPUB; USPAT:	OR	ON	2005/01/09
		US-20020041723-\$ or US-20020041724-\$ or US-20020076154-\$ or	EPO;			17.74
		US-20020090613-\$ or US-20020104762-\$ or US-20020127565-\$ or	DERWENT			
		US-20020141702-\$ or US-20020155507-\$ or US-20020168295-\$ or				
		US-20020191913-\$ or US-20020192680-\$ or US-20020196994-\$ or				
		US-20030017580-\$ or US-20030017581-\$ or US-20030026891-\$ or				
1		US-20030027327-\$ or US-20030027328-\$ or US-20030032039-\$ or				
		US-20030049620-\$ or US-20030059855-\$).did. or (US-20030068657-\$ or US-20030077660-\$ or US-20030082587-\$ or US-20030092075-\$ or				
		US-20030104390-\$ or US-20030113766-\$ or US-20030124599-\$ or				
ŀ		US-20030129654-\$ or US-20030132406-\$ or US-20030133640-\$ or				
		US-20030138207-\$ or US-20030142704-\$ or US-20030142713-\$ or				
		US-20030148542-\$ or US-20030157731-\$ or US-20030162296-\$ or				
		US-20030207253-\$ or US-20030207254-\$ or US-20030207255-\$ or				
		US-20030207256-\$ or US-20030207257-\$ or US-20030207258-\$ or	•			
		US-20030207328-\$ or US-20030215185-\$ or US-20030219205-\$ or				
		US-20030231818-\$ or US-20040021945-\$).did. or (US-20040022475-\$				
		or US-20040038307-\$ or US-20040046128-\$ or US-20040053295-\$ or US-20040063146-\$ or US-20040075907-\$ or US-20040125424-\$ or				
		US-20040126875-\$ or US-20040130760-\$ or US-20040130761-\$ or				
		US-20040130786-\$ or US-20040132172-\$ or US-20040132205-\$ or				
		US-20040132214-\$ or US-20040145752-\$ or US-20040151626-\$ or				
		US-20040175842-\$ or US-20040175843-\$ or US-20040179266-\$ or				
		US-20040179267-\$ or US-20040181344-\$ or US-20040233485-\$ or				
		US-20040247486-\$ or US-20040197816-\$ or US-20040263923-\$ or				
		US-20040254419-\$ or US-20040241765-\$).did. or (US-4011435-\$ or				
1		US-4023010-\$ or US-4568141-\$ or US-4576439-\$ or US-4647544-\$ or				
1		US-4767719-\$ or US-4815843-\$ or US-4876208-\$ or US-4880752-\$ or				
1		US-4892385-\$ or US-4931384-\$ or US-5003600-\$ or US-5066133-\$ or US-5071248-\$ or US-5081012-\$ or US-5082629-\$ or US-5089387-\$ or				
-		US-5100238-\$ or US-5113286-\$ or US-5118608-\$ or US-5156810-\$ or				
		US-5172250-\$ or US-5210404-\$ or US-5291027-\$ or US-5300764-\$ or				
Ì		US-5352582-\$).did. or (US-5374816-\$ or US-5394234-\$ or				
		US-5442433-\$ or US-5446534-\$ or US-5455178-\$ or US-5478527-\$ or			ĺ	
ļ		US-5506674-\$ or US-5565324-\$ or US-5608519-\$ or US-5627663-\$ or				
		US-5646400-\$ or US-5671308-\$ or US-5729365-\$ or US-5742432-\$ or				
İ		US-5745615-\$ or US-5770455-\$ or US-5780231-\$ or US-5784157-\$ or				
		US-5793485-\$ or US-5814565-\$ or US-5822472-\$ or US-5832165-\$ or				
		US-5841555-\$ or US-5846719-\$ or US-5903340-\$ or US-5922550-\$ or US-5925878-\$),did. or (US-5961924-\$ or US-5989923-\$ or				
		US-5994150-\$ or US-6005691-\$ or US-6035082-\$ or US-6036807-\$ or				
		US-6060256-\$ or US-6078705-\$ or US-6087186-\$ or US-6087655-\$ or				
		US-6093536-\$ or US-6096496-\$ or US-6150516-\$ or US-6172214-\$ or				
-		US-6172218-\$ or US-6214560-\$ or US-6221579-\$ or US-6235475-\$ or				
		US-6251691-\$ or US-6268222-\$ or US-6280935-\$ or US-6289144-\$ or				
		US-6292282-\$ or US-6312961-\$ or US-6314220-\$ or US-6317528-\$ or				
		US-6346376-\$).did. or (US-6350413-\$ or US-6352828-\$ or				
		US-6365907-\$ or US-6395558-\$ or US-6399295-\$ or US-6434298-\$ or US-6436651-\$ or US-6437345-\$ or US-6469785-\$ or US-6483096-\$ or				
		US-6506342-\$ or US-6542673-\$ or US-6579673-\$ or US-6586193-\$ or				
- 1		US-6591054-\$ or US-6694067-\$ or US-6751387-\$ or US-6785433-\$ or				
		US-RE33581-\$ or US-6795599-\$ or US-6067392-\$ or US-6025129-\$ or			İ	
		US-5925562-\$ or US-6372428-\$ or US-6352854-\$ or US-6331273-\$ or				
		US-6340588-\$).did. or (WO-9636436-\$).did. or (US-20020127565-\$ or	•			
		WO-200237944-\$ or US-20020022273-\$).did.				
5129	23	S128 and blaz\$	US-PGPUB:	OR	ON	2005/01/09
		·	USPAT:			17:41
			EPO; JPO;			
			DERWENT			
1			;		-	
			IBW_TDB			
5130	19395	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).	US-PGPUB;	OR	ON	2005/08/26
-	, , , ,	CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or	USPAT;		1	16:31
		((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).	EPO; JPO;			
[CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).	DERWENT			1
J					1	i
		CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).	;			
		CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/568). CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	; IBM_TDB			

5131	852	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/566).CCLS.) or ((35/473).CCLS.) or ((435/4).CCLS.) or (US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:31
5132	685	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:31	
5133	353	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((US-PGPUB; USPAT; EPO: JPO: DERWENT; IBM_TDB	OR	ОИ	2005/08/26 16:31
5134	199	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2005/08/26
5135	86	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((550/568).CCLS.) or ((550/56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:32
5136	186	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/08/26 17:56
5137	104	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:32

5138	12	((435/6).CCL.S.) and (((bragg) near3 (grating or reflect\$)) same (substrate	US-PGPUB;	OR	ON	2005/08/26
3136	12	or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	USPAT; EPO; JPO; DERWENT	UK	ON	16:32
		· "	IBM_TDB			
5139	9	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/26 16:32
			: IBM_TDB			
5140	96	((435/6).CCL5.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO: JPO; DERWENT ;	OR	ON	2005/08/26 16:32
			IBW_TDB	<u>.</u>		
5141	6607	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/26 16:33
			IBM_TDB			
5142	153	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/26 16:34
			IBM_TDB			
5143	255	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/26 16:34
			; IBM_TDB			
5144	0	wo-03061983-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/26 17:07
			; IBM_TDB			
5145	0	wo-0361983-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/26 17:07
			; IBM_TDB			
5146	2	("6455004").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/26 17:56
			; IBM_TDB			
S147	697	((diffract\$ or bragg or hologra\$) near3 (grating or element)) same (tag\$4 or label\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 15:43
			; IBM_TDB			
5148	299	5147 and (refract\$ near4 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 16:21
			: IBM_TDB			

5149	640	(((diffract\$ or bragg or hologra\$) near3 (grating or element)) same (embed\$ or encapsulat\$ or bur\$3 or cover\$4)) and (tag\$4 or label\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 16:21
			IBM_TDB			
5150	366	S149 and (refract\$ near4 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 15:45
			; IBM_TDB			
5151	286	S150 and inciden\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 15:47
			IBM_TDB		İ	
5152	729	((diffract\$ or bragg or hologra\$) near3 (grating or element)) with (key or cod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 16:21
			IBM_TDB			
5153	1432	((diffract\$ or bragg or hologra\$) near3 (grating or element)) with (key or cod\$4 or encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 17:52
			; IBM_TDB			
5154	382	5153 and (refract\$ near4 ind\$4) and inciden\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 16:22
			; IBM_TDB			
S155	239	5154 and (embed\$ or encapsulat\$ or bur\$3 or cover\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 16:39
			; IBM_TDB			
S156	52	(((diffract\$ or bragg or hologra\$ or volume) near3 (grating or element)) with (embed\$ or encapsulat\$ or bur\$3 or cover\$4)) same (key or cod\$4 or encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 17:59
			; IBM_TDB			
S157	23	S156 and (refract\$ near4 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 17:54
			; IBM_TDB			
5158	314	((diffract\$ or bragg or hologra\$ or volume) and (grating or element) and	US-PGPUB;	OR	ON	2005/08/29
		(embed\$ or encapsulat\$ or bur\$3 or cover\$4) and (key or cod\$4 or encod\$4)).clm.	USPAT; EPO; JPO; DERWENT			18:05
			IBM_TDB			
5159	60	5158 and (refract\$ and ind\$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 18:00
			IBM_TDB			
					<u> </u>	l

5160	104	((diffract\$ or bragg or hologra\$ or volume) and (grating or element) and (refract\$ and ind\$4) and (key or cod\$4 or encod\$4) and (substrate or base)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 18:41
			IBM_TDB			
5161	3	((diffract\$ or bragg or hologra\$ or volume) and (grating or element) and (refract\$ and ind\$4) and (key or cod\$4 or encod\$4) and (freespace or free?space or (free near4 space))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 11:14
			IBM_TDB			
5163	18	(("6692031") or ("20020039732") or ("3891302") or ("3916182") or ("4725110") or ("4807950") or ("5367588") or ("5388173") or ("5745615")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/30 11:50
			IBM_TDB			
5164	19	(("4537504") or ("5559613") or ("5981166") or ("6156501") or ("6355432") or ("6403320") or ("6416952") or ("6440667") or ("6544739") or ("6576424") or ("6646243")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/08 19:13
			IBM_TDB			
5165	19954	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558). CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37). CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4). CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566). CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 11:29
5166	896	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((359/72).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or (US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 11:30
5167	90	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 11:30
5168	13	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/12/09 11:30
			IBM_TDB			
5169	9	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/12/09 11:30
			IBM_TDB			

Sense (substrates or (optic-5 near3 (fiber or weregude))) and (id or identif-5 or ode or information or unternst\$) and (fibrids) or or the or thorists) or in contents or or information or unternst\$) and (fibrids) or or the or or or molecule or or orthost) S171							
210	5170	107	same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or	USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/12/09 11:31
(3389758).cc.3.) or (339777).cc.5.) or (339772).cc.5.) or (389712).cc.5.) or (389712).cc.5.) or (389712).cc.5.) or (389772).cc.5.) or (389773).cc.5.) or or (4397783).cc.5.) or (4397783).cc.5.) or (389773).cc.5.) or or or nor nor nor code or information or earlienth) and (index) or or or nor nor nor or or or or or or or or or or or or o				TRW_IDR			
C.C.S. on (1389/37)C.C.S.) on (1280/590.9C.S.) on (1280/5911). C.C.S. on (1280/596.) C.C.S.) on (1280/2721.) C.C.S.) on (1280/2721.) C.C.S. on (1280/596.) C.C.S.) on (1280/586.) C.C.S	5171	210	((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or	USPAT;	OR	ON	2005/12/09 11:31
((435/4)CCLS.) or ((436/58)CCLS.) and (((broag) hear3 (grating or reflects)) some (bubstrate or (optic) favor (fiber or waveguide)))) and (dor identifs or code or information or authents) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or species or assay) or into or molecule or attach\$2)			CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).	;	-		
or ion or molecule or clom\$2!) or ion or molecule or clom\$2!) ((435%).CCL.5) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (opinc\$4 near3 fiber)) and (chemical or species or assay) 113 (((435%).CCL.5) and ((diffract\$ or bragg or hologra\$) near3 grating) and (gubstrate or (opinc\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) 118M_TDB 118M_TD			((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4	IBM_TDB			
(cubstrate or (optic\$4 near3 fiber)) and (chemical or species or assay) 113 ((((435/6) CCL.5) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) 114 ((((359/2) CCL.5) and ((359/56) CCL.5) or ((359/56) CCL.5) or ((359/572) CCL.5) or ((359/572) CCL.5) or ((359/772) CCL.5) or ((359/772) CCL.5) or ((359/772) CCL.5) or ((359/771) CCL.5) or ((359/772)				-	1000		
113 ((((435/6),CCL.5.)) and (((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) U.S.PAFT. P.C. J.P.O. DERWENT Signal (((359/2),CCL.5.)) or (((359/58),CCL.5.)) or (((359/68),CCL.5.)) or (((5172	200		USPAT; EPO; JPO;	OR	ON	2005/12/09 11:31
[Gubstrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) 370 [(((359/2),CCL.5.) or (((359/566),CCL.5.) or (((359/569),CCL.5.) or (((359/572),CCL.5.) or (((359/57				IBM_TDB			
and (refract\$ near3 ind\$4) 370 ((((359/2),Ccl.S.) or ((359/566),Ccl.S.) or ((359/569),Ccl.S.) or ((359/572),Ccl.S.) or ((369/572),Ccl.S.) or ((369/572),Ccl.S.) or ((369/572),Ccl.S.) or ((369/572),Ccl.S.) or ((250/5794),Ccl.S.) or ((250	5173	113	1	l	OR	ON	2005/12/09 11:31
S174 370 (((359/2)/CL.5.) or ((359/566)/CL.5.) or ((359/578)/CCL.5.) or ((250/559/4)/CCL.5.) or ((359/573)/CCL.5.) or ((359/573)/CCL.5.) or ((359/573)/CCL.5.) or ((359/573)/CCL.5.) or ((359/573)/CCL.5.) or ((359/559/4)/CCL.5.) or ((250/559/4)/CCL.5.) or ((359/573)/CCL.5.) or ((35			1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '				
S174 370 (((359/2)/CL.5.) or ((359/566)/CL.5.) or ((359/578)/CCL.5.) or ((250/559/4)/CCL.5.) or ((359/573)/CCL.5.) or ((359/573)/CCL.5.) or ((359/573)/CCL.5.) or ((359/573)/CCL.5.) or ((359/573)/CCL.5.) or ((359/559/4)/CCL.5.) or ((250/559/4)/CCL.5.) or ((359/573)/CCL.5.) or ((35				IBM_TDB			
USPAT:	5174	370	(((359/2) CCLS) or ((359/566) CCLS) or ((359/569) CCLS) or		OR	ON	2005/12/09
((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)) ((436/518).cCL.S.) or ((436/524).cCL.S.) or ((436/525).cCL.S.) or ((436/528).cCL.S.) or ((436/528).cCL.S.) or ((436/528).cCL.S.) or ((436/528).cCL.S.) or ((436/528).cCL.S.) or ((436/528).cCL.S.) or ((359/566).cCL.S.) or ((359/573).cCL.S.) or ((359/572).cCL.S.) or ((359/5731).cCL.S.) or ((359/572).cCL.S.) or ((359/572).cCL.S.) or ((359/5731).cCL.S.) or ((359/572).cCL.S.) or ((359/572).cCL.S.) or ((359/5731).cCL.S.) or ((359/572).cCL.S.) or ((359/5731).cCL.S.)		370	((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.)	USPAT; EPO; JPO; DERWENT ;			1
((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.) or ((436/531).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((250/569).CCLS.) or ((359/579).CCLS.) or ((369/528).CCLS.) or ((369/528).CCLS.) or ((359/579).CCLS.) or ((369/528).CCLS.) or ((369/528).CCLS.) or ((369/528).CCLS.) or ((369/528).CCLS.) or ((359/579).CCLS.) or ((359/579).CCLS.) or ((359/579).CCLS.) or ((369/528).CCLS.) or ((369/528			((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element				
S176	5175	6703	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	USPAT; EPO; JPO;	OR	ON	[
S176 ((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/572).CCLS.) or ((359/578).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((359/573.1).CCLS.) or ((385/37).CCLS.) or ((385/37).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/559.4).CCLS.) or ((250/559.4).CCLS.) or ((250/559.4).CCLS.) or ((250/566).CCLS.) or ((250/559.4).CCLS.) or ((250/566).CCLS.) or ((436/526).CCLS.) or ((436/5				DERWENT			
((359/558).ccLs.) or ((359/571).ccLs.) or ((359/572).ccLs.) or ((356/72).ccLs.) or ((356/73.1).ccLs.) or ((385/12).ccLs.) or ((385/12).ccLs.) or ((385/12).ccLs.) or ((385/12).ccLs.) or ((250/559.11). ccLs.) or ((250/559.4).ccLs.) or ((250/227.14).ccLs.) or ((250/227.29). ccLs.) or ((250/566).ccLs.) or ((250/227.14).ccLs.) or ((250/227.29). ccLs.) or ((435/4).ccLs.) or ((435/288.7).ccLs.) or ((250/227.3).ccLs.) or ((435/4).ccLs.) or ((435/4).ccLs.) or ((435/4).ccLs.) or ((436/526).ccLs.) or ((436/527).ccLs.) or ((436/528).ccLs.) or ((436/531).ccLs.) or ((436/527).ccLs.) or ((436/528).ccLs.) or ((436/531).ccLs.) or ((436/527).ccLs.) or ((436/528).ccLs.) or ((436/531).ccLs.) or ((436/531).ccLs.) or ((436/527).ccLs.) or ((436/528).ccLs.) or (case (436/531).ccLs.) or ((436/531).ccLs.) or ((436/527).ccLs.) or ((436/528).ccLs.) or (case (436/531).ccLs.) or ((436/531).ccLs.) or ((436/527).ccLs.) or ((436/528).ccLs.) or ((436/531).ccLs.) or ((436/531).ccLs.) or ((436/527).ccLs.) or ((436/528).ccLs.) or ((436/531).ccLs.) or ((436/5				IBM_TDB			
CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/4).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4) S177 164 ((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4) S178 273 (((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or (USPAT; ((436/531).CCLS.)) and grating CDR ON 2005/12/09 11:32 US-PGPUB; OR US-PGPUB;	S176	715	((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).	USPAT; EPO; JPO;	OR	ON	
((436/526),CCLS.) or ((436/527),CCLS.) or ((436/528),CCLS.) or ((436/531),CCLS.)) and grating and (refract\$ near3 ind\$4) USPAT; EPO; JPO; DERWENT; IBM_TDB (((436/518),CCLS.)) or ((436/524),CCLS.) or ((436/525),CCLS.) or ((436/526),CCLS.) or ((436/526),CCLS.) or ((436/528),CCLS.) or ((436/531),CCLS.)) and grating ((436/531),CCLS.)) and grating ((436/531),CCLS.)) and grating			CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and	IBM_TDB			
5178 273 (((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating US-P6PUB; OR US-P6PUB; US-P6	5177	164	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	USPAT; EPO; JPO;	OR	ON	J.
((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or USPAT; ((436/531).CCLS.)) and grating EPO; JPO; DERWENT;				IBM_TDB			
	5178	273	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	USPAT; EPO; JPO;	OR	ON	
				: IBM_TDB			

5179	70	((bragg with grating with (superimpos\$ or superpos\$ or overla\$5)) same	US-PGPUB;	OR	ON	2005/12/09
31/9	70	((bragg with grating with (superimpost or superpost or overlation) same (refract\$ near3 ind\$4))	USPAT; EPO; JPO; DERWENT	UR	ON	17:06
			IBM_TDB			
5180	105	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4))) and (pitch\$4 or (groove with (spac\$4 or period\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:08
			; IBM_TDB			
5181	36	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4)) and substrate and code)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:09
			IBM_TDB			·
5182	30	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4)) and tag\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:10
			: IBM_TDB			
5183	75	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4))). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:10
ĺ			IBM_TDB			
5184	10	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and code).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:11
			IBM_TDB	•		
S185	0	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and tag\$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:11
			IBM_TDB			
5186	37	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and substrate).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:11
			; IBM_TDB			